

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 43-81 are pending in the application, with claims 43, 55 and 69 being the independent claims. Claims 43, 55 and 69 are sought to be amended. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 101

In paragraph 4 of the Office Action, the Examiner rejected claims 43-81 under 35 U.S.C. § 101 for being directed to non-statutory subject matter. Claims 43 and 55 recite, in part, "an array unit responsive to instructions dedicated to polynomial operations," "a carry propagation adder," and "a register." Claim 69 recites, in part, "an array unit in the processor for performing multiplication," "a carry propagation adder," "a register," and "a memory coupled to the processor." Applicants respectfully submit as such claims 43, 55 and 69 recite physical components that employ statutory categories in the body of each claim. Thus, claims 43, 55 and 69 recite a particular apparatus directed to a particular machine implementation, not simply a generic computing device. Claims 43, 55 and 69 claim a "particularly claimed combination of elements" and a practical application. *Cf. Ex Parte Wasynczuk*, No. 2008-1496, pp. 25-26, June 2, 2008 (BPAI

Informative Opinion) (rejecting system claims for lacking any "particular claimed combination of elements").

Because claims 43, 55 and 69 are directed to statutory subject matter, Applicant respectfully requests the Examiner reconsider and withdrawal the rejections thereto, as well as to their respective direct and indirect dependent claims, under 35 U.S.C. § 101 set forth in paragraph 4 of the Office Action.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

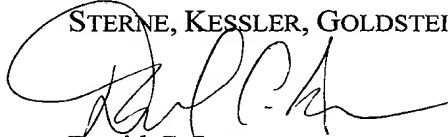
Reply to Office Action of July 3, 2008

EKNER *et al.*
Appl. No. 09/788,670

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read 'D. Isaacson', is written over the firm name.

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